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	ince this application is in co			ters, prosecution as to the O.G. 213.	merits is closed in
which	never is longer, from the ma pplication to become aband	ailing date of this co	mmunication. Failure t	mont o respond within the period for the may be obtained under the	or response will cause
Disp	osition of Claims				
ĊΧ	Claim(s)	- عب		is/ar	e pending in the application
	Of the above, claim(s)	17, 44	and 16	is/are w	thdrawn from consideration.
(\$)	Claim(s) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	and 30	- 3 2		is/are allowed.
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ᄖ	Claim(s) <u>8 - 1</u>	16 , 18 °	90 ' 88-308	, and 27-29	is/are rejected.
•		•		, and 17-19	
	Claim(s)			,	is/are objected to.
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DETAILED ACTION

Drawings

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the "dividing said frame period into a plurality of LOAD periods and a plurality of ILLUMINATE periods, where each LOAD period is followed by an ILLUMINATE period"; and the storing means for "storing, during each of said. LOAD periods, said data line signal within said circuit" as recited in claim 8 must be shown. In claim 9, "said gray scale control signal has a magnitude that is less than said stored data signal" must be shown. In claim 10, "a linear ramp waveform over the plurality of ILLUMINATION periods within one frame period" must be shown. In claim 11, "a stepped waveform over the plurality of ILLUMINATION periods within one frame period, where each step in the waveform corresponds to one ILLUMINATION period" must be shown. In claim 12, "a digital signal containing a plurality of bits where each bit is applied to said circuit during a plurality of consecutive LOAD periods" must be shown. In claim 14, "dividing said frame period into a plurality of LOAD periods and a plurality of ILLUMINATE periods, where each LOAD period is followed by an ILLUMINATE period" must be shown; and "during each of said LOAD periods ... data signal si stored; and during each of said ILLUMINATE periods,... electroluminescent cell" must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

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Claim Rejections - 35 USC § 112

2. Claims 8-16, 18-20, 25, and 27-29 are rejected under 35 U.S.C. 112, first paragraph, as containing subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

In claim_8, the "dividing-said-frame-period-into-a-plurality of LOAD-periods-and-a plurality of ILLUMINATE periods, where each LOAD period is followed by an ILLUMINATE period"; and the storing means for "storing, during each of said LOAD periods, said data line signal within said circuit" was not supported in the specification or the drawings in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

In claim 9, "said gray scale control signal has a magnitude that is less than said stored data signal"; in claim 10, "a linear ramp waveform over the plurality of ILLUMINATION periods within one frame period"; in claim 11, "a stepped waveform over the plurality of ILLUMINATION periods within one frame period, where each step in the waveform corresponds to one ILLUMINATION period"; in claim 12, "a digital signal containing a plurality of bits where each bit is applied to said circuit during a plurality of consecutive LOAD periods"; and in claims 14 and 20, "dividing said frame period into a plurality of LOAD periods and a plurality of ILLUMINATE periods, where each LOAD period is followed by an ILLUMINATE period"; and "during each of said LOAD periods ... data signal si stored; and during each of said

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Art Unit: 2415

ILLUMINATE periods,... electroluminescent cell" were not supported in the specification or the

drawings in such a way as to reasonably convey to one skilled in the relevant art that the

inventor(s), at the time the application was filed, had possession of the claimed invention.

Dependent claims are considered rejected for incorporating the defects from their

respective parent claim by dependency.

3. Claims 22-24 are objected to under 37 CFR 1.75(c), as being of improper dependent form

for failing to further limit the subject matter of a previous claim. Applicant is required to cancel

the claim(s), or amend the claim(s) to place the claim(s) in proper dependent form, or rewrite the

claim(s) in independent form.

Claims 22-24 are depending on a canceled claim 21.

Allowable Subject Matter

4. Claims 1-7 and 30-32 are allowed.

None of the prior art of record teaches or suggests the claimed invention as illustrated in

figures 2-3 of the present invention.

Conclusion

5. Any inquiry concerning this communication should be directed to Matthew Luu at

telephone number (703) 305-4850.

M. Luu: M.L.

October 17, 1997

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